

MEMORANDUM

18 July 2000

TO: Lompoc Interagency Work Group Members (See attached distribution list)

SUBJECT: MEETING SUMMARY – June 1, 2000 (Department of Pesticide Regulation, Sacramento)

Members present: Air Resources Board - Lynn Baker; Celite Corporation - Chris Pauley; City of Lompoc - Stacy Lawson; Department of Health Services – Martha Harnly, Rick Kreutzer, Sharon Seidel; Department of Pesticide Regulation – Madeline Brattesani, Paul Gosselin, Jim Sanborn, John Sanders, Jay Schreider, Randy Segawa; Farm Bureau – Steve Jordan; Lompoc Growers - Richard Quandt; Lompoc community members-at-large - Joyce Howerton, Dave Pierce; Office of Environmental Health Hazard Assessment - Richard Ames, Michael DiBartolomeis, Jolanta Bankowska; Santa Barbara County Agricultural Commissioner's Office - Joe Karl; Senator O'Connell's Office - Carla Frisk; U.S. Environmental Protection Agency (EPA), Headquarters - Jake Mackenzie (Facilitator, Lompoc Interagency Work Group); U.S. EPA, Region IX - Ray Chavira, Karen Heisler.

Members absent: Advocates for a Clean Environment – Deb Robinson; Assemblyman Maldonado's Office – Melanie Bedwell; City of Lompoc - Dick DeWees; Department of Health Services – Christine Arnesen; Office of Environmental Health Hazard Assessment – Anna Fan; Santa Barbara County Air Pollution Control District - Duane Sikorski; Santa Barbara County Health Care Services - Elliott Schulman; Santa Barbara County Supervisor Gray's Office - Susan Warnstrom; Santa Barbara County Supervisor Marshall's Office - John Buttny; Volunteer - Robert Holtzer; Volunteers for a Healthy Valley - George Rauh.

TOPIC #1: Introductions. LIWG members and observers introduced themselves.

TOPIC #2: Approve March 30 (afternoon) meeting summary. The LIWG approved the March 30 meeting summary.

TOPIC #3: Review agenda. Since George Rauh was not present, the LIWG decided to postpone the discussion about banning use of chlorpyrifos and diazinon until its next meeting.

TOPIC #4: Report on the status of the recommendations on Key Issue #1 [Key Issue #1: Does sickness occur in the community? If so, what kind(s) and at what rate(s)? Are illness rates higher than expected?]

The LIWG provided comments and questions to Rick Kreutzer (DHS) regarding the LIWG evening meeting on March 30 to discuss Key Issue #1. Dave Pierce noted for the record that endocrine disruption by pesticides might occur in humans at very low pesticide concentrations.

Dick Ames (OEHHA) provided updates on (1) hospital discharge data for 1995-1997 and (2) the draft study protocol for a Lompoc community health survey. Both documents are under review by OEHHA.

ACTION: The LIWG recommended that DPR, on behalf of the LIWG, request that OEHHA expedite its review of these draft documents. The LIWG also recommended that OEHHA issue the analysis of hospital

discharge data for 1995-97 as an addendum to its original report (enclosed) and issue the draft study protocol as soon as possible for review by the health subgroup.

Rick Kreutzer reported that the health subgroup met and discussed such questions as, “Should we get more health provider data? Should we do a community symptom survey?” The subgroup did not reach consensus on these questions.

ACTION: The LIWG recommended that the subgroup review the two OEHHA documents before the next LIWG meeting, and let the LIWG have an open exchange. If the LIWG cannot reach consensus on the health approach, then the issue goes to DHS and OEHHA executive level for resolution.

TOPIC #5: Report on the status of the recommendations on Key Issue #3 [Key Issue #3: What other environmental hazards and factors exist in Lompoc?]

Meteorology Study: Stacy Lawson reported that avenues are in place to transfer funds from the County and DPR to the City. This subgroup issued a Request for Proposals for this study and one proposal was submitted. The OEIS is reviewing it. In June, the Lompoc City Council will review the proposed contract for authorization.

Rocket Launch Emissions/Vandenberg Air Force Base: The Evolved Expendable Launch Vehicle (EELV) program was approved last spring and the City of Lompoc did not respond since it did not identify any areas of concern. However, the City did submit comments to address a revised draft Environmental Impact Statement for the EELV program. The City has received a response.

ACTION: The LIWG requested that the OEIS review and consider this response and report this information to the LIWG at its next meeting.

Crystalline Silica: Lynn Baker reported that this monitoring has not started yet; however, it is scheduled for the fall in Lompoc. The delay is due to some administrative reasons and to lack of favorable meteorology conditions in May.

Pollen and Mold: Stacy Lawson reported that no funds are available; therefore, this study is on hold.

The LIWG’s general feeling seemed to be that if it were going to request funding, the LIWG would want a more detailed idea of what such a study would look like.

ACTION: The LIWG requested that experts in this field (see Martha Harnly and Ray Chavira for proposed names) be invited to attend an upcoming OEIS meeting to discuss the scope of such a study. The LIWG requests the OEIS report on the shape, size, form, and cost of a pollen and mold study at the next LIWG meeting.

TOPIC #6: Report on the status of the recommendations on Key Issue #2 [Key Issue #2: Are Lompoc residents exposed to pesticides in air? If so, which pesticides, and in what amounts? Do those levels exceed human health standards?]

Phase Two/Fumigant Sampling and Analysis: DPR monitored four applications of metam sodium between January and February 2000. The Department of Health Services’ (DHS) lab has analyzed all the samples and processed results from all four applications. In fall 2000, DPR plans to continue monitoring for metam sodium applications (one), methyl bromide and chlorpicrin applications (one), and at least one application of 1,3-dichloropropene (Telone) if it occurs.

Phase Two/Multiple-Pesticide Sampling and Analysis: Randy Segawa presented an overview of the Multiple-Pesticide Sampling and Analysis Plan (see Handout #1). DPR began monitoring for this project the week of May 29.

The LIWG discussed the issue of endocrine disruption, what chemicals are on the Illinois EPA list, and what chemicals this study will monitor. Michael DiBartolomeis summarized how California is dealing with this issue. Sharon Seidel proposed a multi-chemical risk assessment of endocrine disruption. Sharon noted that endocrine disruption was considered in developing preliminary screening levels for this sampling and analysis plan.

ACTION: The LIWG requested that Dave Pierce provide a copy of this list and its citation to Madeline Brattesani who will distribute it to LIWG members. The LIWG requested that Michael DiBartolomeis keep the LIWG apprised of activities in California regarding endocrine disruption.

The LIWG discussed the status of the Battelle contract and the lack of an on-site quality assurance visit.

ACTION: The LIWG requested that US EPA provide an on-site quality assurance visit. Ray Chavira and Matt Plate will follow up this possibility with US EPA Region 5.

The LIWG discussed the draft revised Executive Summary (dated 5/30/00).

ACTION: The LIWG will review this draft Executive Summary and return comments to DPR by June 9. (See the final Executive Summary, posted to DPR's home page at the following address: <www.cdpr.ca.gov/doc/dprdocs/lompoc/mpsap_es.pdf>).

TOPIC #7: Proposal for a workshop on adverse health effects of pesticide exposure

Since Deb Robinson was not present to lead this discussion, the LIWG postponed discussing this item until the next LIWG meeting that Deb attends.

ACTION: The LIWG asked that Deb Robinson's proposal be an agenda item at its next meeting.

Next meeting date, time, and location: The LIWG plans to meet next on Thursday, September 14, in Oakland at the Department of Health Services, 1515 Clay Street, Suite 1700, from 10 a.m. to 2:30 p.m. Please contact me, or Jake Mackenzie at (707) 584-1195, if you have questions about this meeting summary.

Respectfully submitted,

[Signed by]

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Member Distribution List:

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Air Resources Board/Lynn Baker
Assembly Member Maldonado's Office/Melanie Bedwell, Julia King
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Farm Bureau/Steve Jordan
Department of Health Services/Christine Arnesen, Martha Harnly, Rick Kreutzer, Sharon Seidel
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Santa Barbara County Supervisor Marshall's Office/John Buttny
Senator O'Connell's Office/Carla Frisk
U.S. EPA, Headquarters/Jake Mackenzie
U.S. EPA, Region IX/Ray Chavira, Karen Heisler
Volunteer/Robert Holtzer (formerly with Office of Environmental Health Hazard Assessment as a Medical Officer)
Volunteers for a Healthy Valley/George Rauh